

Recombinant Human CERS6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CERS6-1109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LASS6 MS Standard C13 and N15-labeled recombinant protein (NP_982288) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CERS6 (Ceramide Synthase 6) is a Protein Coding gene. Diseases associated with CERS6 include Hereditary Sensory And Autonomic Neuropathy Type 1 and Aggressive Systemic Mastocytosis. Among its related pathways are Sphingolipid signaling pathway and Sphingolipid metabolism. Gene Ontology (GO) annotations related to this gene include sphingosine N-acyltransferase activity. An important paralog of this gene is CERS5.
Molecular Mass	44.7 kDa
AA Sequence	MAGILAWFWNERFWLPHNVTWADLKNTEEATFPQAEDLYLAFPLAFCIFMVRLIFER FVAKPCAIALNIQANGPQIAPPNAILEKVFTAITKHPDEKRLEGLSKQLDWDVRSIQR WFRQRRNQEK PSTLTRFCESMWRF SFYLYVFTYGVRFLK KTPWLWNTRHCWYNY PYQPLTTDLHYYYILELSFYWSLMFSQFTDIKRKDFGIMFLHHLVSIFLITFSYVNNMA RVGTLVLCLHDSADALLEAAKMANYAKFQKMCDLLFVMFAVVFITRLGIFPLWVLNT TLFESWEIVGPYPSPWWVFNLLLLLVQGLNCFWSYLIVK IACKAVSRGK VSKDDRSDI ESSSDEEDSEPPGKNPHTATTTNGTSGTNGYLLTGSCSMDDTRTRPLEQKLISEED

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CERS6 ceramide synthase 6 [Homo sapiens (human)]
Official Symbol	CERS6
Synonyms	CERS6; ceramide synthase 6; LAG1 homolog, ceramide synthase 6, LAG1 longevity assurance homolog 6 (S. cerevisiae), LASS6; longevity assurance homolog 6; LAG1 homolog, ceramide synthase 6; CERS5; LASS6; MGC129949; MGC129950; DKFZp434B102;
Gene ID	253782
mRNA Refseq	NM_203463
Protein Refseq	NP_982288
MIM	615336

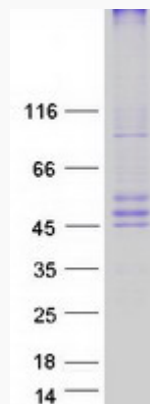
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UniProt ID

Q6ZMG9

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